# Common Logistics Operating Environment (CLOE)



Army Integrated Log Architecture (AILA) & Common Data Standards/Interfaces

The ability to know what is going on in our platforms…and act on it
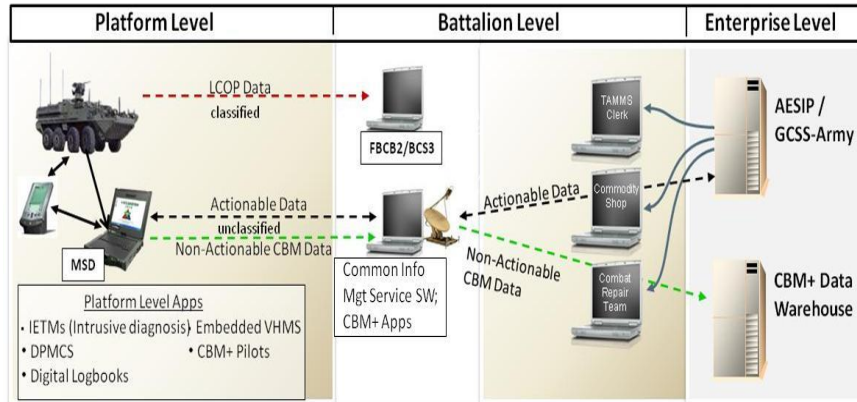
## DESCRIPTION

CLOE is an Army-wide initiative to guide the implementation of self-diagnosing /self-reporting platforms that interact with networked sustainment systems to improve logistics situational awareness, maximized operational availability, and reduce system life cycle costs. The CLOE is defined by data standards and an integrated architecture that provides the foundation for interoperability, net-centricity, condition based maintenance plus, and anticipatory logistics.

Stakeholders: Army G-44(M); Army G-46; ASA (ALT); HQ AMC; CASCOM; TACOM; AMCOM; CECOM; LOGSA; PEO Aviation; PEO GCS; PEO Integration; PEO EIS/ PM GCSS-Army & PM AESIP; PD TMDE; SEC LEE; ATEC/AEC

## MILESTONES

| Milestone | Date |
|---|---|
| ✓ Aviation Proof of Enabler Demo | Aug 07 |
| ✓ Dev Army Integrated Logistics Architecture | On-going |
| ✓ Published *U.S. Army CBM+ Roadmap* | Dec 07 |
| ✓ HBCT Condition Based Readiness Analysis | Aug 08 |
| ✓ Establish CLOE TCI Initiative | Feb 09 |
| ✓ Integrate GCSS-A System Views s into AILA | Mar 11 |
| ❑ Complete Acquisition Managers Guidebook to CLOE Compliance | Sep 11 |
| ❑ Complete and validate GCSS-Army interface and data standards for use by platform log sys. | Mar 12 |
| ❑ Transition Tactical Bulk Fuel Mgt Enablers | Oct 13 |
| ❑ Transition Tactical Ammo Mgt Enablers | Nov 14 |

## PROJECT STATUS                (as of: May 11)

❑ Efforts to Date:
  ➢ TRADOC designated the AILA as the Logistics portion of the Current Modular Force Architecture
  ➢ SBCT Cost Benefit Analysis concludes implementing CLOE Enablers will save $75M if implemented
  ➢ Established CLOE TCI IPT to guide Army stakeholders toward common solutions
❑ Current Efforts:
  ➢ Supporting PM GCSS-Army with Architecture Support
  ➢ Providing a an information integration framework to standardize interfaces between platform and enterprise log systems
  ➢ Developing a PM guidebook for CLOE compliance
❑ Next Action/Date: Complete and validate interface design description and software libraries for log data information integration